THE STRIVING

MUSLIM ACADEMY

Islamic and Academic Education

STAGE 6 · MATHEMATICS · PRACTICE PACK

Number addition, subtraction, multiplication and division

Year 6 of the national curriculum. Every question is worked through at the back, step by step, not just answered.

WHAT IS INSIDE

- Column addition
- Column subtraction
- Long multiplication
- Short division, with remainders
- How each one is worked

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4 sets · a hint on every question

Written for a parent teaching at home. No training assumed, and nothing else to buy.

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Column subtraction

These get harder as you go down. Do them in order.



1. **8,443 − 2,529**
   Start from the units: is 3 bigger than 9 there?

2. **6,372 − 4,746**
   Start from the units: is 2 bigger than 6 there?

3. **4,629 − 653**
   Start from the units: is 9 bigger than 3 there?

4. **81,402 − 44,767**
   Start from the units: is 2 bigger than 7 there?

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How each one is worked

Every answer here was calculated, not typed. If you find one that is wrong, tell us and we will correct the pack and send it to everybody who has it.



COLUMN ADDITION

1. 9,566 + 2,402

1. Write them in columns, units under units.
2. Add each column from the right, carrying when a column makes ten or more.
3. 9,566 + 2,402 = 11,968.

Answer: **11,968**

2. 2,154 + 5,791

1. Write them in columns, units under units.
2. Add each column from the right, carrying when a column makes ten or more.
3. 2,154 + 5,791 = 7,945.

Answer: **7,945**

3. 1,680 + 1,966

1. Write them in columns, units under units.
2. Add each column from the right, carrying when a column makes ten or more.
3. 1,680 + 1,966 = 3,646.

Answer: **3,646**

4. 70,223 + 20,774

1. Write them in columns, units under units.
2. Add each column from the right, carrying when a column makes ten or more.
3. 70,223 + 20,774 = 90,997.

Answer: **90,997**

5. 71,300 + 50,731

1. Write them in columns, units under units.
2. Add each column from the right, carrying when a column makes ten or more.
3. 71,300 + 50,731 = 122,031.

Answer: **122,031**

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How each one is worked, continued

COLUMN SUBTRACTION, CONTINUED



3. 4,629 − 653

1. Write them in columns, the larger number on top.
2. Work from the right. Where the top digit is smaller, exchange one from the column to its left.
3. 4,629 − 653 = 3,976.

Answer: **3,976**

4. 81,402 − 44,767

1. Write them in columns, the larger number on top.
2. Work from the right. Where the top digit is smaller, exchange one from the column to its left.
3. 81,402 − 44,767 = 36,635.

Answer: **36,635**

5. 71,017 − 64,583

1. Write them in columns, the larger number on top.
2. Work from the right. Where the top digit is smaller, exchange one from the column to its left.
3. 71,017 − 64,583 = 6,434.

Answer: **6,434**

6. 339,787 − 125,646

1. Write them in columns, the larger number on top.
2. Work from the right. Where the top digit is smaller, exchange one from the column to its left.
3. 339,787 − 125,646 = 214,141.

Answer: **214,141**

7. 454,275 − 376,553

1. Write them in columns, the larger number on top.
2. Work from the right. Where the top digit is smaller, exchange one from the column to its left.
3. 454,275 − 376,553 = 77,722.

Answer: **77,722**

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SAMPLE PAGES

You have read a few pages. The pack is longer.

What you are holding is a short sample, taken from different parts of the pack so that you can see how a week is planned and what a child is actually asked to do, before you decide.

The complete pack, and the rest of the academic materials, are on our website: schemes of work for a parent teaching at home, and practice packs for the skills children get stuck on.

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Members of the homeschool community do not buy these. If you have joined the community, the pack for the term you are working on is given to you at no cost.

Our Islamic Education classes are free. These packs are part of what pays the teachers who teach them.